

WHAT IS CLAIMED IS:

1. A fretting resisting roller bearing comprised
of a plurality of rolling elements held between inner
and outer races with a cage interposed therebetween,
5 characterized in that the oil film of lubricating oil
of which the dynamic viscosity at 40°C is 20 to 150
mm²/2 is formed on the raceway surfaces of the inner and
outer races, the cage and the rolling elements and
grease is enclosed.

10 2. A fretting resisting roller bearing according
to claim 1, wherein said inner and outer races are made
of steel and said ^{rolling elements are} ~~roller element is~~ made of ceramics.

15 3. A fretting resisting roller bearing according
to claim 1, wherein said inner and outer races are made
of steel and said roller element is made of super-hard
alloy.

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